

Superior Energy

TREATMENT REPORT

P.O. BOX 329
FORT LUPTON, CO 80621
303-654-9202

DATE 3/30/00
FIELD TICKET # _____

WELL NAME & NO. <i>Behlender 29-13</i>		LOC. <i>Rigless</i> <i>41/42 WCR</i>	SERIAL # <i>05-123-16334</i>	LIFT PRESSURE & POP OFF LIFT: <u>3,000</u> POP OFF: <u>2500</u>	
UMP: <i>4787</i>	BULK: <i>310</i>	JOB PUMPED THRU:	TUBING	CASING	ANNULUS
COUNTY: <i>Weld</i>	STATE: <i>CO</i>	WELL TYPE: OIL	GAS	WATER	INJ.
CUSTOMER NAME: <i>Petro Star / Matt Morgan</i>		AGE OF WELL: NEW	REWORK	WATER PH: <u>7.5 CIL 290</u>	
JOB SUPERVISOR: <i>Ramon Villalobos</i>		JOB TYPE: <i>P+A</i>	TYPE OF CEMENT: <u>G + 2% CC</u>		CASING SIZE: <u>4 1/2 - 11.6</u>
SERVICE RATED: POOR FAIR EXCELLENT				CASING DEPTH: <u>2500</u>	TUBING SIZE: <u>4 1/2 - 11.6</u>
REMARKS: <i>Cement weight verified by Seelye</i>				TUBING DEPTH: <u>2500</u>	OPEN HOLE: <u>9"</u>
<i>Cement - G = 183 sacks + 2% CC = 350 LBS</i>				CSG OR ANRL VOL: _____	TBG VOLUME: _____
CUSTOMER SIGNATURE: _____				WELL INFORMATION	
				DESCRIPTION	DEPTH
				<i>Estimated TOC</i>	<i>2,000</i>

TIME	INJECTION		PRESSURE		CEMENT SLURRY		REMARKS
	RATE	BBLS IN	CSG	TBG	WEIGHT	YIELD	
9:55							Arrive to location / walk location
10:00							ISA on R/L then P/L
10:20							ISA on Pump Schedule
10:30	.5	.5		1,500	8.3		Test Iron + PIP off
10:35	1.5	10		1,000	8.3		Mud Flush
10:45	1.5	5		1,000	8.3		Spacer H ₂ O
10:50	2.0	37.3		400	15.8	1.15	Mix + pump 183 sacks + 2% CC
11:10	1.8	31		800	8.3		Displace H ₂ O
11:25							Washdown / Flush
11:40							Blowdown
11:45							P/L
12:00							Leave location
							Cement - G = 183
							CC = 350 LBS
							mud flush = 10 BBS



Noble Energy, Inc.
1600 Broadway St.
Denver, CO 80202

P.O. Box 1979, Farmington, NM 87499
(505) 325-2627

Name: Bohlender 29-13
API:0512316334,
Rig # 14

Well Plugging Report

Work Detail

Start	Stop	PUX	Activity
05:30 AM	06:30 AM	P	Load supplies and equipment. Travel to location.
06:30 AM	07:00 AM	P	HSM and JSA. Service and start equipment.
07:00 AM	07:30 AM	P	Check wellhead pressure. SICP 0#, SIBHP 0#. Check and test ground cables with ohm meter.
07:30 AM	08:30 AM	P	Lay down 20 joints of casing 4-1/2".
08:30 AM	09:00 AM	P	Rig down casing equipment and rig up tubing equipment.
09:00 AM	09:30 AM	P	Pick up 25 joints 2-3/8" pipe from tubing float. EOT @810'.
09:30 AM	10:30 AM	P	Plug # 1(Base plug) Pump 3 bbls to establish circulation, total bbls pump 73 bbls. Pump 10 bbls Mud Flush followed by 170 sxs mix, w/ flake and 3% CC, (135 sxs inside 9" OH and 35 sxs inside 8-5/8") 15.8 ppg, 1.18 yield = 195.5 cuft (34.8 bbls slurry). Class G cement with a mix factor of 5, PH level 7.0, chloride level 0. 20.2 bbls mix, 1.5 bbls displacement from 810' to 338' ETOC.
10:30 AM	11:00 AM	P	TOOH 5 stands and lay down 15 joints on tubing float.
11:00 AM	01:00 PM	P	WOC sample to set 2 hours.
01:00 PM	01:30 PM	P	TITH 5 stands, pick up 6 joints tag @497', lay down 1 joint and pick up 20' of subs. EOT @497'.
01:30 PM	02:30 PM	P	Plug # 2(Surface plug) Pump and mix 168 sxs w/ flake and 2% CC, (27.5 sxs inside 9" OH and 140.5 sxs inside 8-5/8") 15.8 ppg, 1.18 yield = 193.2 cuft (34.4 bbls slurry). Class G cement with a mix factor of 5, PH level 7.0, chloride level 0. 20.2 bbls mix, from 497' to surface.
02:30 PM	03:00 PM	P	Lay down 20' subs and 15 joints on tubing float.
03:00 PM	03:30 PM	P	Rig down tubing equipment and ND, BOP.
03:30 PM	04:00 PM	P	Rig up surface cap and open and wash BOP. SIW.
04:00 PM	05:00 PM	P	Rig down pulling and pumping units. Pick up hard lines and tools.
05:00 PM	05:30 PM	P	Winterized and drained equipment. Clean and secure location. SDFD.
05:30 PM	06:30 PM	P	Travel from location to A-plus yard.

* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

Comments

Job	Comment
Plug # 1	Plug # 1(Base plug)Pump 3 bbls to stablish circulation, total bbls pump 73 bbls. Pump 10 bbls Mud Flush followed by 170 sxs mix, w/ flake and 3% CC, (135 sxs inside 9" OH and 35 sxs inside 8-5/8") 15.8 ppg, 1.18 yield = 195.5 cuft (34.8 bbls slurry). Class G cement with a mix factor of 5, PH level 7.0, chloride level 0. 20.2 bbls mix, 1.5 bbls displacement from 810' to 338' ETOC.
Plug # 2	Plug # 2(Surface plug) Pump and mix 168 sxs w/ flake and 2% CC, (27.5 sxs

Worked on Friday, 10/30/2020

inside 9" OH and 140.5 sxs inside 8-5/8") 15.8 ppg, 1.18 yield = 193.2 cuft (34.4 bbls slurry). Class G cement with a mix factor of 5, PH level 7.0, chloride level 0. 20.2 bbls mix, from 497' to surface.

Crew:

Title	Name	Hours	Vehicle
Supervisor:	Morales, Guillermo	13.00	77 - Crew PU
Operator:	Rangel Morales, Jose	13.00	18 - Crew PU
Derrick:	Archuleta, Philip	13.00	
Floor Hand:	Dominguez, Samuel	13.00	
Floor Hand:	Leos, Victor	13.00	
Floor Hand:	Wyrum, Russell	13.00	

On Site Reps:

Name	Association	Notes
Jorge Nava	Co. Rep.	On location

Equipment:

Dog House - DH-H
Base Beam #1
9 - G-PAD
Pushers trailer- P-179
Hard Line Trailer # P-176
#504 Gas Buster
Waste pit # 635
500 bbls tank 258970
Cement truck 345
Tubing float #183
cement truck 455